

<b>Product Name:</b>	Erythromycin C
<b>Product Number:</b>	E056
<b>CAS Number:</b>	1675-02-1
<b>Molecular Formula:</b>	$C_{36}H_{65}NO_{13}$
<b>Molecular Weight:</b>	719.9
<b>Appearance:</b>	White solid
<b>Storage Conditions:</b>	-20°C; light-sensitive.
<b>Description:</b>	Erythromycin C (3"-O-demethylerythromycin) is a minor co-metabolite of Erythromycin. Other metabolites include A, B, and D. Erythromycin C exhibits a narrower spectrum of antibiotic activity and is less active than A and B. Erythromycin C is soluble in ethanol, methanol, DMF and DMSO but has limited water solubility.

For other Erythromycin products, [click here](#).

<b>References:</b>	<p>Tsuii K and Goetz JF (1978) HPLC as a rapid means of monitoring erythromycin and tetracycline fermentation processes. J. Antibiot. 31:302 PMID 659328</p> <p>Kibwage O et al (1985) Antibacterial activities of erythromycins A, B, C, and D and some of their derivatives. Antimicrob. Agents Chemother. 28:630 PMID 4091529</p> <p>Peiru S et al (2005) Production of the potent antibacterial polyketide erythromycin C in Escherichia coli. Appl. Environ. Microbiol 71(5):2539-2547 PMID 15870344</p>
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